

ATTACHMENT A: SUMMARY OF REQUIREMENTS

CLASS VI OPERATING AND REPORTING CONDITIONS

Facility name: Archer Daniels Midland, CCS#2 Well
IL-115-6A-0001

Facility contact: Mr. Mark Burau, Plant Manager
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Well location: Decatur, Macon County, IL;
39°53'08", -89°53'19"

Injection Well Operating Conditions

PARAMETER/CONDITION	LIMITATION or PERMITTED VALUE	UNIT
Maximum Injection Pressure - Surface	2284	psig
Annulus Pressure	100 minimum	psig
Annulus Pressure/Tubing Differential	100 above surface injection pressure	psig

The injection pressure will be measured at the wellhead.

The maximum injection pressure, which serves to prevent confining-formation fracturing, was determined using the fracture gradient obtained from injectivity data from the nearby CCS#1 well multiplied by 0.9 (146.88 (a))

Routine Shutdown Procedure:

Under routine conditions (e.g., for well workovers), the permittee will reduce CO₂ injection at a rate of 500 tons per day over a 6 day period to ensure protection of health, safety, and the environment. (Procedures that address immediately shutting in the well are in Attachment F (Emergency and Remedial Response Plan) of this permit).

Class VI Injection Well Reporting Frequencies

ACTIVITY	MINIMUM REPORTING FREQUENCY
CO ₂ stream characterization	Semi-annually
Pressure, flow, rate, volume, pressure on the annulus, annulus fluid level and temperature	Semi-annually
Corrosion monitoring	Semi-annually
External MIT	Within 30 days of completion of test
Pressure fall-off testing	In the next semi-annual report

Note: All testing and monitoring frequencies and methodologies are included in Attachment C (the Testing and Monitoring Plan) of this permit.

Class VI Project Reporting Frequencies

ACTIVITY	MINIMUM REPORTING FREQUENCY
Ground water quality monitoring	Semi-annually
Plume and pressure front tracking	In the next semi-annual report
Surface air and/or soil gas monitoring	In the next semi-annual report
Monitoring well MITs	Within 30 days of completion of test
Financial Responsibility updates pursuant to H.2 and H.3(a) of this permit	Within 60 days of update

Note: All testing and monitoring frequencies and methodologies are included in Attachment C (the Testing and Monitoring Plan) of this permit.